

## EAST Search History

| Ref # | Hits | Search Query  | DBs                     | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------------------|------------------|---------|------------------|
| L1    | 1    | "6,741,298".pn.   | USPAT                   | OR               | OFF     | 2008/02/22 11:50 |
| L2    | 1    | "6,577,288".pn.   | USPAT                   | OR               | OFF     | 2008/02/22 11:51 |
| L3    | 1    | "6,989,817".pn.   | USPAT                   | OR               | OFF     | 2008/02/22 11:51 |
| L5    | 23   | ("20010005196"   "20010011989"   "20020000969"   "20020047568"   "20020047852"   "20020154151"   "20030063077"   "20030174153"   "20040095364"   "5818419"   "6037917"   "6040812"   "6088012"   "6229505"   "6339422"   "6396508"   "6417824"   "6552736"   "6646625"   "6678834"   "6693614"   "6738036"   "6806859").PN.   | US-PPGPUB; USPAT; USOCR | OR               | OFF     | 2008/02/22 12:12 |
| L6    | 1    | ("20010005196"   "20010011989"   "20020000969"   "20020047568"   "20020047852"   "20020154151"   "20030063077"   "20030174153"   "20040095364"   "5818419"   "6037917"   "6040812"   "6088012"   "6229505"   "6339422"   "6396508"   "6417824"   "6552736"   "6646625"   "6678834"   "6693614"   "6738036"   "6806859").PN. and driv\$6 and source\$6 same signal\$6 same drive\$6 and gate\$1 same signal\$6 same drive\$6 and display\$6 same control\$6 and first same display\$6 same mode\$1 and divid\$6 same frame\$6 same period\$1 and (plural\$5 same subframe\$1 same period\$1 and set\$6 and (light\$6 and non-light\$6)) and "n" same bit\$1 same gradat\$6 and second same display\$6 same mode\$1 and subframe\$6 and period\$2 and set\$6 and light\$6 and non-light\$6 and m same bit\$1 same gradat\$6 and (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6 | US-PPGPUB; USPAT; USOCR | OR               | OFF     | 2008/02/22 12:12 |
| L7    | 0    | ("7027074").URPN.   | USPAT                   | OR               | OFF     | 2008/02/22 12:13 |

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|     |    |   |                              |    |     |                  |
|-----|----|---|------------------------------|----|-----|------------------|
| L9  | 4  | ("4998100"   "5534883"   "5818416"   "5821818").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/02/22 12:14 |
| L10 | 0  | ("4998100"   "5534883"   "5818416"   "5821818").PN. and driv\$6 and source\$6 same signal\$6 same drive\$6 and gate\$1 same signal\$6 same drive\$6 and display\$6 same control\$6 and first same display\$6 same mode\$1 and divid\$6 same frame\$6 same period\$1 and (plural\$5 same subframe\$1 same period\$1 and set\$6 and (light\$6 and non-light\$6)) and "n" same bit\$1 same gradat\$6 and second same display\$6 same mode\$1 and subframe\$6 and period\$2 and set\$6 and light\$6 and non-light\$6 and m same bit\$1 same gradat\$6 and (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/02/22 12:14 |
| L11 | 13 | ("6339422").URPN.   | USPAT                        | OR | OFF | 2008/02/22 12:15 |

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|     |   |   |                              |    |     |                  |
|-----|---|---|------------------------------|----|-----|------------------|
| L12 | 0 | ("6339422").URPN. and driv\$6 and source\$6 same signal\$6 same drive\$6 and gate\$1 same signal\$6 same drive\$6 and display\$6 same control\$6 and first same display\$6 same mode\$1 and divid\$6 same frame\$6 same period\$1 and (plural\$5 same subframe\$1 same period\$1 and set\$6 and (light\$6 and non-light\$6)) and "n" same bit\$1 same gradat\$6 and second same display\$6 same mode\$1 and subframe\$6 and period\$2 and set\$6 and light\$6 and non-light\$6 and m same bit\$1 same gradat\$6 and (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6                       | USPAT                        | OR | OFF | 2008/02/22 12:15 |
| L14 | 3 | ("4763283"   "5025249"   "5319750").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/02/22 12:15 |
| L15 | 0 | ("4763283"   "5025249"   "5319750").PN. and driv\$6 and source\$6 same signal\$6 same drive\$6 and gate\$1 same signal\$6 same drive\$6 and display\$6 same control\$6 and first same display\$6 same mode\$1 and divid\$6 same frame\$6 same period\$1 and (plural\$5 same subframe\$1 same period\$1 and set\$6 and (light\$6 and non-light\$6)) and "n" same bit\$1 same gradat\$6 and second same display\$6 same mode\$1 and subframe\$6 and period\$2 and set\$6 and light\$6 and non-light\$6 and m same bit\$1 same gradat\$6 and (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/02/22 12:16 |

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|     |    |   |       |    |     |                  |
|-----|----|---|-------|----|-----|------------------|
| L16 | 16 | ("5390293").URPN.   | USPAT | OR | OFF | 2008/02/22 12:16 |
| L17 | 0  | ("5390293").URPN. and driv\$6 and source\$6 same signal\$6 same drive\$6 and gate\$1 same signal\$6 same drive\$6 and display\$6 same control\$6 and first same display\$6 same mode\$1 and divid\$6 same frame\$6 same period\$1 and (plural\$5 same subframe\$1 same period\$1 and set\$6 and (light\$6 and non-light\$6)) and "n" same bit\$1 same gradat\$6 and second same display\$6 same mode\$1 and subframe\$6 and period\$2 and set\$6 and light\$6 and non-light\$6 and m same bit\$1 same gradat\$6 and (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6 | USPAT | OR | OFF | 2008/02/22 12:16 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S66   | 2    | display\$6 and driv\$6 and source\$6 same signal\$6 same drive\$6 and gate\$1 same signal\$6 same drive\$6 and display\$6 same control\$6 and first same display\$6 same mode\$1 and divid\$6 same frame\$6 same period\$1 and (plural\$5 same subframe\$1 same period\$1 and set\$6 and (light\$6 and non-light\$6)) and "n" same bit\$1 same gradat\$6 and second same display\$6 same mode\$1 and subframe\$6 and period\$2 and set\$6 and light\$6 and non-light\$6 and m same bit\$1 same gradat\$6 and (display\$6 and display\$6 same control\$6 form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/21 21:41 |
| S67   | 1    | "7,027,074".pn. and substrate\$1 and (display\$6 and display\$6 same control\$6 form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6   | USPAT  | OR               | OFF     | 2008/02/21 22:19 |
| S68   | 1    | "7,027,074".pn. and (display\$6 and display\$6 same control\$6 form\$6 and substrate\$1) and second same display\$6 same mode\$1 same low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6   | USPAT  | OR               | OFF     | 2008/02/21 22:21 |
| S69   | 1    | "7,027,074".pn. and (display\$6 and display\$6 same control\$6 form\$6 and substrate\$1)   | USPAT  | OR               | OFF     | 2008/02/21 22:23 |
| S70   | 0    | "7,027,074".pn. and (display\$6 and display\$6 same control\$6 same form\$6 same substrate\$1)   | USPAT  | OR               | OFF     | 2008/02/21 22:25 |

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|     |        |  |  |    |     |                  |
|-----|--------|--|--|----|-----|------------------|
| S71 | 2      | display\$6 and driv\$6 and source\$6 same signal\$6 same drive\$6 and gate\$1 same signal\$6 same drive\$6 and display\$6 same control\$6 and first same display\$6 same mode\$1 and divid\$6 same frame\$6 same period\$1 and (plural\$5 same subframe\$1 same period\$1 and set\$6 and (light\$6 and non-light\$6)) and "n" same bit\$1 same gradat\$6 and second same display\$6 same mode\$1 and subframe\$6 and period\$2 and set\$6 and light\$6 and non-light\$6 and m same bit\$1 same gradat\$6 and (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1) and second same display\$6 same mode\$1 and low\$6 same voltage\$1 and driv\$6 same source\$6 same signal\$6 and gate\$1 same signal\$6 same driv\$6 and (first and second) same display\$6 same mode\$1 and control\$6 and display\$6 same control\$6 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/21 22:25 |
| S72 | 2      | "20040095364"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/21 22:27 |
| S73 | 111851 | "20040095364" (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/21 22:28 |
| S74 | 1      | "20040095364" and (display\$6 and display\$6 same control\$6 and form\$6 and substrate\$1)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/21 22:28 |
| S75 | 1      | "20040095364" and (display\$6 and display\$6 same control\$6 and form\$6 same substrate\$1)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/21 22:28 |

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|     |   |  |  |    |     |                  |
|-----|---|--|--|----|-----|------------------|
| S76 | 1 | "20040095364" and (display\$6 and display\$6 same control\$6 same form\$6 same substrate\$1) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/21 22:28 |
|-----|---|--|--|----|-----|------------------|